

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1-14. (Cancelled)

15. (Currently amended) A ~~An~~ barrel assembly according to claim 13, wherein comprising:

a barrel comprising a plurality of external chambers containing respective propellant charges;

a plurality of projectiles stacked nose to tail within the barrel and comprising respective expansion spaces for propellant gases;

wherein each projectile corresponds to an external chamber in the barrel and an expansion space, each of said projectiles having a tail structure that determines the respective expansion space in conjunction with the respective trailing projectile, and

wherein each external chamber comprises a port that conveys propellant gas from the external chamber into the expansion space for propulsion of the respective projectile, the tail structure comprises of each projectile having a passage aligned with the port of a respective external chamber for flow of propellant gas from the external chamber into the respective expansion space; and

a control system configured to ignite the propellant charges to create the propellant gases and propel the projectiles sequentially from the barrel.

16-18. (Cancelled)

19. (Withdrawn) A projectile for a barrel assembly, comprising:  
a housing; and  
a nose part and a tail part;  
wherein the projectile is adapted for stacking in a barrel in nose to tail  
arrangement with other projectiles, and  
wherein the tail part defines an expansion space for propellant gases received  
from a propellant chamber that is external to the barrel.

20. (Withdrawn) A projectile as in claim 19, wherein the tail part comprises an  
entry port for passage of the propellant gases from the external chamber into the  
expansion space.

21. (Withdrawn) A projectile as in claim 20, wherein the entry port is adapted for  
alignment with an exit port of the external chamber.

22. (Withdrawn) A projectile as in claim 19, wherein the tail part defines the  
expansion space in conjunction with the nose part of a respective trailing projectile.

23-24. (Cancelled)